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## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP2004/000213

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/28167 A (ERICSSON TELEFON AB L M) 19 April 2001 (2001-04-19) page 8, line 21 - page 9, line 15; figure 1 page 16, line 11 - page 20, line 25 ----- -/-	1, 2, 6, 7, 10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

24 June 2004

Date of mailing of the international search report

07/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Perrier, S

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### C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>RANDHAWA T S ET AL: "PERFORMANCE EVALUATION OF BANDWIDTH PARTITIONING IN BROADBAND NETWORKS"            PROCEEDINGS OF THE IEEE CONFERENCE 2000 ON HIGH PERFORMANCE SWITCHING AND ROUTING. HEIDELBERG, GERMANY, JUNE, 26 - 29, 2000, PROCEEDINGS OF THE IEEE CONFERENCE ON HIGH PERFORMANCE SWITCHING AND ROUTING, NEW YORK, NY : IEEE, US, 26 June 2000 (2000-06-26), pages 411-418, XP001075729            ISBN: 0-7803-5884-8            page 413, left-hand column, line 30 - page 417, right-hand column, line 16</p>	1-10
A	<p>DE NITTO PERSONE V., GRASSI V.: "Optimal access control for integrated services wireless networks"            COMPUTER COMMUNICATIONS - ELSEVIER, 'Online! 25 November 1998 (1998-11-25), pages 1559-1570, XP002284845            NETHERLANDS            Retrieved from the Internet:            URL:http://www.sciencedirect.com/science?_ob=MIimg&amp;_imagekey=B6TYP-3VHWJ36-6-3Y&amp;_cdi=5624&amp;_orig=search&amp;_coverDate=11%2F25%2F1998&amp;_sk=999789982&amp;view=c&amp;wchp=dGLbV1z-zSkzV&amp;_acct=C000049880&amp;_version=1&amp;_userid=987766&amp;md5=daf08459f2b4fa98cca24eba9b0760ba&amp;ie=f.pdf&gt; 'retrieved on 2004-06-16!            page 1560, right-hand column, line 52 -            page 1561, right-hand column, line 39</p>	1,2,6,7,10

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			CN 1379940 T	13-11-2002
			EP 1232609 A1	21-08-2002
			JP 2003511976 T	25-03-2003
			WO 0128167 A1	19-04-2001
			SE 517146 C2	23-04-2002
			SE 0001513 A	15-04-2001